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Streamflow Forecast Summary: March 1, 2003 (averages based on 1981-2010 reference period)

SNAKE RIVER BASIN	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment						
		Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Snake R nr Moran ^{1,2}	APR-JUL			655	80%			815
	APR-SEP			725	80%			904
Snake R ab Reservoir nr Alpine ^{1,2}	APR-JUL			1790	76%			2370
	APR-SEP			2060	75%			2735
Snake R nr Irwin ^{1,2}	APR-JUL			2500	75%			3331
	APR-SEP			2920	75%			3875
Snake R nr Heise ²	APR-JUL			2670	75%			3561
	APR-SEP			3110	75%			4159
Pacific Ck at Moran	APR-JUL			130	76%			171
	APR-SEP			136	76%			178
Buffalo Fk ab Lava Ck nr Moran								
Greys R ab Reservoir nr Alpine	APR-JUL			250	74%			338
	APR-SEP			290	74%			394
Salt R ab Reservoir nr Etna	APR-JUL			230	67%			342
	APR-SEP			280	67%			419

1) 90% and 10% exceedance probabilities are actually 95% and 5%

2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
MADISON-GALLATIN RIVER BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Hebgen Reservoir Inflow	APR-JUL			265	68%			390
	APR-SEP			345	69%			500

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APR-JUL	400	74%	540
APR-SEP	430	72%	595

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
WIND RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Dinwoody Ck nr Burris	APR-JUL			42	63%			67
	APR-SEP			65	69%			94
Wind R Ab Bull Lake Ck	APR-JUL			290	67%			435
	APR-SEP			365	68%			535
Bull Lake Ck nr Lenore	APR-JUL			100	68%			148
	APR-SEP			110	60%			182
Wind R at Riverton	APR-JUL			320	59%			545
	APR-SEP			340	53%			640
Little Popo Agie R nr Lander	APR-JUL			25	54%			46
	APR-SEP			30	57%			53
SF Little Wind R nr Fort Washakie	APR-JUL			40	55%			73
	APR-SEP			45	54%			84
Little Wind R nr Riverton	APR-JUL			165	59%			280
	APR-SEP			185	59%			315
Boysen Reservoir Inflow	APR-JUL			355	50%			717
	APR-SEP			385	48%			809

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
BIGHORN RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Boysen Reservoir Inflow	APR-JUL			355	50%			717
	APR-SEP			385	48%			809
Greybull R nr Meeteetse	APR-JUL			100	68%			148
	APR-SEP			140	70%			200
Shell Ck nr Shell	APR-JUL			45	75%			60
	APR-SEP			55	76%			72
Bighorn R at Kane	APR-JUL			455	46%			1000
	APR-SEP			470	42%			1110

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
SHOSHONE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
NF Shoshone R at Wapiti	APR-JUL			385	84%			460
	APR-SEP			430	83%			520
SF Shoshone R nr Valley	APR-JUL			175	78%			225
	APR-SEP			200	75%			265
SF Shoshone R ab Buffalo Bill Reservoir	APR-JUL			155	72%			215
	APR-SEP			160	71%			225
Buffalo Bill Reservoir Inflow ²	APR-JUL			570	79%			720
	APR-SEP			630	78%			805

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
POWDER RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
MF Powder R nr Barnum	APR-JUL			5.4	30%			17.8
	APR-SEP			6.1	33%			18.7
NF Powder R nr Hazelton	APR-JUL			5.5	57%			9.6
	APR-SEP			6.1	61%			10
Rock Ck nr Buffalo	APR-JUL			13.6	68%			19.9
	APR-SEP			17.4	73%			24
Piney Ck at Kearny	APR-JUL			25	51%			49
	APR-SEP			28	54%			52
Powder R at Moorehead	MAR-JUL			95	40%			240
	MAR-SEP			115	43%			265
	APR-JUL			65	32%			205
	APR-SEP			85	37%			230
Powder R nr Locate	MAR-JUL			115	37%			310
	MAR-SEP			135	40%			335
	APR-JUL			65	28%			235
	APR-SEP			87	33%			260

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Little Goose Ck nr Bighorn

Tongue River Reservoir Inflow

	APR-JUL	110	50%	220
	APR-SEP	130	52%	250

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Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

CHEYENNE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Deerfield Reservoir Inflow	MAR-JUL			5.6	93%			6
Pactola Reservoir Inflow	MAR-JUL			22	105%			21
	APR-JUL			20	106%			18.9

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Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

UPPER NORTH PLATTE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
North Platte R nr Northgate	APR-JUL			150	61%			245
	APR-SEP			160	59%			270
Encampment R nr Encampment ²	APR-JUL			105	67%			156
	APR-SEP			115	70%			165
Rock Ck nr Arlington	APR-JUL			35	66%			53
	APR-SEP			36	63%			57
Sweetwater R nr Alcova	APR-JUL			30	41%			74
	APR-SEP			33	41%			80
Seminoe Reservoir Inflow	APR-JUL			485	61%			800
	APR-SEP			525	61%			860

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Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

SWEETWATER RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Sweetwater R nr Alcova	APR-JUL			30	41%			74
	APR-SEP			33	41%			80

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

LOWER NORTH PLATTE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
La Prele Ck ab La Prele Reservoir				4.7	20%			24
	APR-JUL			7.4	31%			24
	APR-SEP							
North Platte R - Alcova to Orin Gain				21	14%			152
	APR-JUL			22	14%			161
North Platte R bl Glendo Reservoir				505	53%			960
	APR-JUL			510	52%			990
North Platte R bl Guernsey Reservoir				505	52%			970
	APR-JUL			520	51%			1010
	APR-SEP							

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

LARAMIE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Laramie R nr Woods				65	53%			123
	APR-JUL			70	52%			135
Little Laramie R nr Filmore				34	58%			59
	APR-JUL			38	59%			64
	APR-SEP							

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

LITTLE SNAKE RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Snake R nr Slater ²				118	74%			159
	APR-JUL							
Little Snake R nr Dixon ²				245	74%			330
	APR-JUL							

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

UPPER GREEN RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Green R at Warren Bridge				205	77%			265
	APR-JUL							
Pine Creek ab Fremont Lake				83	80%			104
	APR-JUL							

New Fork R nr Big Piney						
Fontenelle Reservoir Inflow	APR-JUL	260	66%			395
Big Sandy R nr Farson	APR-JUL	520	60%			860
	APR-JUL	38	66%			58

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Chance that actual volume will exceed forecast								

LOWER GREEN RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Green R nr Green River, WY ²	APR-JUL			520	59%			875
Blacks Fk nr Robertson	APR-JUL			57	60%			95
EF of Smiths Fork nr Robertson ²	APR-JUL			17.5	56%			31
Hams Fk bl Pole Ck nr Frontier	APR-JUL			41	63%			65
Viva Naughton Reservoir Inflow	APR-JUL			52	58%			89
Flaming Gorge Reservoir Inflow ²	APR-JUL			660	55%			1190

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Chance that actual volume will exceed forecast								

UPPER BEAR RIVER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Bear R nr UT-WY State Line	MAR-JUL			72	62%			116
	MAR-SEP			81	63%			128
	APR-JUL			70	60%			116
	APR-SEP			79	63%			125
Bear R ab Resv nr Woodruff	MAR-JUL			58	39%			147
	MAR-SEP			61	40%			153
	APR-JUL			53	39%			136
	APR-SEP			56	39%			142
Smiths Fk nr Border	MAR-JUL			64	61%			105
	MAR-SEP			75	61%			122
	APR-JUL			60	58%			103
	APR-SEP			71	60%			118

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